

**Model 20622R01**

**Country Gardens Gray Weathered Stone**

**Solar Birdbath Fountain**

## **Cleaning and Maintenance**

**Pump:** If after time the pump starts to lose power or stops working you should check for the build up of sediment or scale in the bottom of the pump housing. Carefully remove the solar pump unit and turn it upside down on a soft surface. Dry the solar pump connector and disconnect.

Remove the pump from the plastic unit and open the pump housing at its base. Remove the impeller and remove any dirt or scale which has built up. Replace the impeller and replace the pump cover.

### **IMPORTANT**

To ensure the seal remains water-tight twist the pump and panels connectors together rather than merely pressing them together. Check that the small yellow rubber "o" ring remains in its' groove and is not pushed out when connecting. If this ring moves there will be no water seal and the pump and panel will eventually fail

**Solar panel:** The panel should be cleaned periodically with a soft tissue and proprietary glass cleaning solution. Regular cleaning of the panel is advised to maintain optimum conversion of the sun's energy into direct current.

## **Trouble Shooting**

If you have any problems please contact Smart Solar before returning to the place of purchase. For immediate answers visit our website [www.smartsolar.com](http://www.smartsolar.com) where you will find extensive trouble shooting, FAQs and be able to order spare parts.

**Pump is noisy there is no water running through the tube**  
Take off the pump cover and remove the impeller. If the pump is still noisy without the impeller then seek a replacement. If the noise stops, clean the pump and replace the impeller and cover. This problem may repeat if the water contains debris, we recommend regular water changing.

**Pump does not operate even though the solar panel is in full sunlight**

Check whether the impeller is blocked by removing the pump cover. If it is, then clean the pump as detailed above.

**Pump does operate but there is no water running through the tube**

- 1) Check for the build up of sediment, scale or dirt in the filter and in the bottom of the pump housing as detailed above.
- 2) Check whether the pump cover is attached properly. If the pump cover is not pushed down tightly, the pump will not push water through the fountain.
- 3) If fitted, check the sprinkler head is not blocked. Remove the cap and rinse the parts in water to clean before re-assembling.